

**H.P.BOARD OF DEPARTMENTAL EXAMINATIONS  
DEPARTMENTAL EXAMINATION OF OTHER GAZETTED OFFICERS/  
OFFICIALS OF HIMACHAL PRADESH SESSION APRIL, 2010**

**PAPER-3      (RULES AND ACTS FOR FISHERIES DEPARTMENT)**

**Time Allowed:3 Hours.**

**Maximum Marks: 100**

**Note:- Answer any FIVE questions. All questions carry equal marks. Five marks are Reserved for the neatness of the presentation**

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- Q.No.1    What are the salient features of Himachal Pradesh Fisheries Act? In which year This Act was promulgated? List one recent amendment made in H.P. Fisheries Rules narrate in brief the powers vested with a Fisheries Officer under these Rules.
- Q.No.2    What do you mean by pre- impoundment survey? What steps are involved in The development of fishery in a newly created impounding?
- Q.No.3    Silver crap is contributing six to seven hundred tones in the catches of Gobind Sagar reservoir. What are the reasons which have helped to establish and Proliferate this exotic fish in this water body? Do you suggest the introduction Of this species in other impoundments in the State?
- Q.No.4    Write brief notes on any four Exotic fish species introduced in Himachal Pradesh and their scientific names. Discuss their role in the fish production of The State and impact on the indigenous fish fauna.
- Q.No.5    Write a detailed note on Food and feeding, maturity and breeding of rainbow Trout.
- Q.No.6    Define Aquaculture. Give a summary of the various package of practices Involved in composite Fish farming and prepare a cost- benefit chart for Raising fish in one hectare pond.
- Q.No.7    Write notes on any Two of the following:-  
(i) Scientific names of four species of trout, silver crap and five other fish species Inhabiting H.P. reservoirs.  
(ii) Carrying capacity of a trout raceway, size 15 x 2 x 2 meters and water inflow 20 lps.  
(iii) Nutritional requirements of COLDWATER fish species.  
(iv) High altitiede lakes of Himachal Pradesh and their ichthyofauna.

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